

**AMINOPLAST MOLDING COMPOUNDS FOR PRODUCTS EXHIBITING
AN IMPROVED FLEXIBILITY AND AMINOPLAST PRODUCTS
EXHIBITING AN IMPROVED FLEXIBILITY**

ABSTRACT OF THE DISCLOSURE

An aminoplast molding compound comprised of mixtures consisting of meltable 20 to 1000-ring polytriazine ethers, in which the triazine rings are primarily linked by binding links of the $\text{-NH-CHR}_2\text{-O-R}_4\text{-O-CHR}_2\text{-NH-}$ and $\text{-NH-CHR}_2\text{-NH-}$ type, whereby: $\text{R}_2 = \text{H, C}_1\text{-C}_7$ - alkyl; $\text{R}_4 = \text{C}_2\text{-C}_{18}\text{-alkylene, -CH(CH}_3\text{)-CH}_2\text{-<SB>C}_2\text{-C}_{12}$ - <SB>-alkylene-O-CH₂-CH(CH₃)-, -CH(CH₃)-CH₂-O--<SB>C₂-C₁₂-<SB>-arylene-O-CH₂-CH(CH₃)-, -[CH₂-CH₂-O-CH₂-CH₂]_n -, -[CH₂-CH(CH₃)-O-CH₂-CH(CH₃)]_n -, -[-O-CH₂-CH₂-CH₂-CH₂]_n -, -[(CH₂)₂₋₈-O-CO--<SB>C₆-C₁₄-<SB>-arylene-CO-O-(CH₂)₂₋₈]_n -, -[(CH₂)₂₋₈-O-CO--<SB>C₂-C₁₂-<SB>-alkylene-CO-O-(CH₂)₂₋₈]_n -, wherein $n = 1$ to 200. The aminoplast molding compounds are also comprised of sequences containing siloxane groups, sequences based on the alkylene oxide adducts of melamine, phenol ether sequences based on bivalent phenols and diols, and these compounds can contain up to 50 % by mass of additional reactive polymers of the ethylene-copolymer, maleic anhydride-copolymer, modified maleic anhydride-copolymer, poly(meth)acrylate, polyamide, polyester and/or polyurethane type, up to 75 % by mass of fillers, up to 20 % by mass of diols, and up to 5 % by mass of stabilizers, UV absorbers and/or auxiliary agents.